

CLIMATOLOGICAL DATA FOR APRIL, 1911.

DISTRICT No. 7, LOWER MISSISSIPPI VALLEY.

ISAAC M. CLINE, District Editor.

GENERAL SUMMARY.

Warm weather prevailed at the opening of the month, but on the 3d a cool wave overspread the district, giving temperatures below 45° in Oklahoma and in the Colorado, New Mexico, Kansas, and Missouri areas. From the 10th to the 23d warm weather was general and maximum temperatures were above 85° at some stations in all parts of the district and above 90° in some localities. From the 24th to 27th another cool wave overspread the district, giving temperatures below 40° in parts of Oklahoma and in the Colorado, New Mexico, Kansas, and Missouri areas.

There were four fairly well defined periods of precipitation, as follows: 3d-5th, 8th-12th, 14th-18th, and 23d-30th, except that in the New Mexico area there was very little precipitation from the 9th to 16th. The amounts were generally below the normal to the west of the 98th meridian and above the normal to the east of it, except that there were slight deficiencies in extreme northern Louisiana and in the northern portion of the Missouri area. The monthly precipitation was excessive at nearly all stations in Arkansas, Louisiana, and in the Missouri, Tennessee, and Mississippi areas. Taken as a whole, the precipitation was well distributed over a large part of the eastern half of the district. Excessive rains interfered materially with seasonable work and caused local floods which were destructive in some cases.

TEMPERATURE.

Mean temperatures for the month were below the normal in the mountainous portions of the Colorado area, in the central and western portions of Oklahoma, in the Kansas area, in Arkansas, in the Tennessee area, and in the northern portion of the Mississippi area, the departures ranging from -0.1° to -1.9°; elsewhere there was an excess ranging from 0.1° to 5.3°, the region of greatest excess being in southern Louisiana. The warmest weather occurred generally at the opening of the third decade, when the maximum temperatures were above 85° in all the States and areas and above 90° in Louisiana and Oklahoma and in the Texas and Kansas areas. The highest temperature for the district, 97°, occurred at Wellington, Kans., and Frederick, Okla. A maximum temperature of 95° was recorded at Plemons, Tex. The monthly minimum temperatures occurred either on the 1st or 15th and were below 32°, except in Louisiana and in the Mississippi area. The lowest temperature recorded during the month was zero, at Lake Moraine, Colo. Taken as a whole, temperature conditions were favorable for all interests, and outdoor occupations were not interfered with to any appreciable extent by extreme heat or cold.

Monthly mean temperatures and departures from the normal for the various States and parts of States are

reported as follows: Colorado area, 45.6°, 0°; New Mexico area, 51.7°, +0.9°; Texas area, 59.7°, +0.5°; Kansas area, 55.5°, -0.5°; Oklahoma, 60.3°, +0.4°; Missouri area, 56.1°, -0.1°; Tennessee area, 59.1°, -0.9°; Arkansas, 60.5°, -0.9°; Mississippi area, 64.2°, +0.3°; Louisiana, 69.5°, +2.5°.

PRECIPITATION BY DRAINAGE AREAS.

Arkansas River and tributaries.—Heavy precipitation occurred over the portions of this drainage area that lie in Arkansas, eastern Oklahoma, and eastern Kansas, but elsewhere there was a deficiency. Over the headwaters of the Arkansas River in Colorado the average precipitation from 36 stations was 1.36 inches, about 0.8 inch below the normal. The precipitation was heavier over those portions of the Arkansas Valley proper that lie in Kansas and Oklahoma, where the average from 39 stations was 2.47 inches, about 0.4 inch below the normal. The average from 21 stations in the Cimarron Valley was 1.55 inches, about 0.2 inch below the normal. Over the Canadian Valley in New Mexico the precipitation was generally light, the average from 36 stations being 0.59 inch, about half the normal amount. The precipitation was heavier over those portions of the Canadian Valley that lie in Texas and Oklahoma, where the average from 26 stations was 2.55 inches, about the normal amount. The precipitation over the Verdigris and Neosho Valleys was nearly normal; the average from 9 stations in the Verdigris Valley was 3.24 inches, and from 15 stations in the Neosho Valley 3.60 inches. The precipitation was excessive over that portion of the Arkansas Valley below the Oklahoma-Arkansas line. Five stations reported more than 10 inches, and the average from 14 stations was 8.68 inches, about 4.6 inches above the normal.

Red River and tributaries.—As a whole, about the normal amount of precipitation occurred over those portions of the Red River Valley that lie in New Mexico, Texas, and Oklahoma, but the amounts were unevenly distributed. Eight stations reported more than 5 inches, and the average from 42 stations was 3.05 inches. Over those portions of the Red River Valley below the Texas-Arkansas line the precipitation was exceptionally heavy. The average from 18 stations was 9.65 inches, about 4.8 inches above the normal. Eight stations reported more than 10 inches.

Mississippi River south of St. Louis and small tributaries.—Unusually heavy precipitation occurred throughout this drainage area. In the immediate Mississippi Valley the amounts from 42 stations averaged 7.74 inches, about 3.2 inches above the normal. Nine stations reported more than 10 inches. Over the valley of the Meramec the precipitation averaged about 3 inches above the normal. The average from 22 stations in the White River Valley was 8.14 inches, about 4.1 inches above the normal. The precipitation was phenomenally heavy over

the Yazoo Valley, the average from 31 stations being 11.50 inches, about 6.5 inches above the normal. Only 6 stations reported less than 10 inches. The average precipitation over the valley of the Big Black was 10.15 inches, about 6.1 inches above the normal. The precipitation from 19 stations in the Ouachita Valley averaged 10.48 inches, about 5.8 inches above the normal. All stations over the headwaters of this river in Arkansas except 2 reported more than 10 inches.

Louisiana coastal plain.—Heavy precipitation occurred over the greater portion of this area, the average from 30 stations being 6.84 inches, about 2.8 inches above the normal. More than 10 inches occurred at a few stations.

Monthly precipitation and departures from the normal, in inches, for the various States and parts of States, are reported as follows: Colorado area, 1.36, -0.82; New Mexico area, 0.70, -0.58; Texas area, 3.07, +0.27; Kansas area, 1.90, -0.64; Oklahoma area, 3.09, +0.09; Missouri area, 5.61, +1.46; Tennessee area, 9.56, +4.90; Arkansas area, 9.86, +5.48; Mississippi area, 10.74, +5.21; Louisiana area, 7.58, +3.25.

SNOWFALL.

The snowfall was confined to the more elevated portions of the Colorado and New Mexico areas, and the amounts ranged from a trace to .48 inches. Owing to the high temperatures, the snowfall of the month can not be considered as having added materially to the stock of storage snow in the mountains. The average snowfall, in inches, for the various States and parts of States, derived from the records of such stations as reported snow, is as follows: Colorado area (25 stations), 12.4; New Mexico area (5 stations), 1.7; Kansas area (3 stations), trace; Missouri area (2 stations), trace.

RIVERS.

Low water prevailed in the upper Arkansas River and tributaries, except that there was a 12-foot rise in the lower Neosho on the 5th. The lower Arkansas was unusually low during the first four days of the month. There was a rise after the 4th, but no high stages were recorded. There was sufficient water for navigation after the first few days of the month.

In Oklahoma there was an increased flow in all streams, but no high water or floods were reported.

No floods occurred in the Red River proper, but there was a general increased flow of water over the previous month. Floods occurred in the Sulphur River in Texas and in the Little River in Arkansas during the third decade.

The upper White River was low up to the 12th, but heavy rains on that date and the 13th caused a sudden and rapid rise, and within 54 hours after the morning observation of the 12th the river at Calico Rock rose from 3 feet to a flood stage of 18 feet. At Batesville, the total rise was 14.8 feet in 3 days to a maximum stage of 19.6 feet, 1.6 feet above flood stage, on the 15th. At Newport, the river rose from 8.1 on the 13th to a maximum stage of 24.7 feet on the 19th. The lower White River had been rising since April 4, and when the heavy rains of the 13th-14th occurred the rise became more rapid and a maximum stage of 29 feet was recorded on the 27th. The water began to fall on the 29th.

At Camden, the Ouachita rose from 8 feet on the 1st to 37.4 feet on the 22d, after which there was a steady fall. The lower Ouachita rose at Monroe from 11 feet on the 1st to 33 feet on the 30th.

Below St. Louis the Mississippi rose during the greater part of the month. Flood stages were reached as follows: Memphis, Tenn., on the 18th; Helena, Ark., on the 22d; and Arkansas City, Ark., on the 28th. Flood stages did not occur south of Arkansas City.

SEVERE LOCAL STORMS.

Oklahoma (J. Pemberton Slaughter, section director).—A destructive local storm occurred near Frederick, Tillman County, during the evening of April 10th; 1 person was killed and 4 were injured; the property loss was estimated at \$3,000.

Tornadoes occurred at several points in the east-central and northeastern parts of Oklahoma during the late afternoon and evening of April 12. At Bigheart, Osage County, 3 lives were lost, 2 persons were fatally injured, and about 50 others sustained slight to serious injuries; the property loss was estimated at \$100,000. At Checotah, McIntosh County, 2 persons were killed and about 25 injured; the property loss was estimated at \$15,000. At Sallisaw, Sequoyah County, 1 person was killed and 3 injured; the property damage was estimated at \$10,000. Near Okmulgee, Okmulgee County, 4 persons were injured, 1 fatally; the property loss was estimated at \$4,000 to \$5,000.

Kansas (T. B. Jennings, section director).—A tornado occurred in Cherokee County on the evening of April 12, killing 1 person, injuring 20 others, and causing damage amounting to \$200,000.

Missouri (George Reeder, section director).—High, and in a few cases, damaging, local winds occurred during the afternoon of April 12 and again on the 13th. The storms were severe in Jasper County on the former and in parts of St. Francois and Jefferson Counties on the latter date. In both cases reliable reports by persons in the respective vicinities indicate that the storm partook of the well-known characteristics of the tornado. The storm of the 13th resulted in damage amounting to \$10,000 near Joplin, and to a much greater amount in the county at large, estimated at \$100,000; 1 person was killed near Joplin. On the afternoon of the 13th, between 3 and 4 o'clock, a tornado passed near or through the mining towns of Esther, Flat River, and Elvins, St. Francois County, and Valley Mines, Jefferson County; at the last-named place 3 persons were killed and 45 or more persons were injured; the property loss is estimated to be more than \$100,000. The path of the storm averaged from 250 to 450 feet in width, with a general direction of movement from southwest to northeast.

Arkansas (H. F. Alciatore, section director).—Tornadoes occurred in Polk and Faulkner Counties on the night of April 13-14. At Wooster, 8 miles north, and at Vilonia, 14 miles east of Conway, several persons were injured and a number of buildings destroyed. Near Plumerville (about 2 miles south) a tornado struck a residence about 1 a. m. of the 14th, while the family was asleep, killing three children and injuring three others. The storm was followed by a heavy downpour of rain, and a number of cabins were blown down in the vicinity and several negroes injured. The telephone lines suffered great damage. At Uniontown, the Independent Telephone Exchange was struck by lightning and destroyed. Near Ozark a freight train was wrecked owing to a washout; 9 cars went into the ditch, but no one was injured. At Mena, Polk County, a tornado swept over the town about 9.15 p. m. of the 13th, apparently moving from west to east. No funnel-shaped cloud was observed, but the rotary motion of the wind was indicated by the posi-

TABLE 1.—Climatological data for April, 1911. District No. 7, Lower Mississippi Valley.

TABLE 1.—*Climatological data for April, 1911. District No. 7—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, tunneled.	Number of rainy days, number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Texas—Continued.																			
Bonham.	Fannin.	566	8	59.0		88	22	34	12	50	0.94	- 1.55	0.32	0	9	19	2	9	s.
Canadian.	Hemphill.	2,339	4	59.0															R. A. Lovelace.
Childress.	Childress.	1,869	18																Canadian Academy.
Chillicothe.	Hardeman.	1,406	3																W. E. Davis.
Clarendon.	Donley.	2,719	6	58.6	+ 1.6	90	22	33	16	51	0.85	- 1.85	0.88	0	8	10	6	8	A. B. Connor.
Clarksville.	Red River.	442	11	66.1	+ 1.6	89	18†	43	17	46	6.61	+ 0.33	2.00	0	8	8	14	8	Whitfield Carhart.
Claude.	Armstrong.	3,397	6	54.2		84	2	25	15	49	0.59	- 1.01	0.92	0	8	10	12	8	J. W. O'Neill.
Dalhart.	Dallam.	3,998	3															Ft. W. & D. C. Ry.	
Denison.	Grayson.																	F. L. Kennard.	
Finley.	Bowie.																	E. B. Wilson.	
Henrietta.	Clay.	915	19	63.2	+ 0.1	90	12	38	9	40	2.47	- 0.32	1.56	0	8	12	0	18	Robert L. Smith.
Hereford.	Deaf Smith.	3,750	6															C. K. Brown.	
Lewis Ferry.	Bowie.																	A. C. Elliott.	
Memphis.	Hall.	2,067	6	59.0		85	11†	38	4†	44	1.80	- 0.65	1.08	0	5	21	6	3	P. G. Ruff.
Miami.	Roberts.	2,743	5	60.0		90	22	35	7†	47	1.78	- 0.60	2.15	0	7	18	0	12	Ft. W. & D. C. Ry.
Mobeetie.	Wheeler.																	J. E. Kinney.	
Nazareth.	Castro.																	n.	
Ochiltree.	Ochiltree.																	Dr. W. J. Joss.	
Pampa.	Gray.	3,226	2	62.6	- 1.3	88	6†	42	9	43	5.66	+ 2.43	1.76	0	11	12	0	18	Rev. P. A. Kaelin.
Paris.	Lamar.	592	22															S. J. Allen.	
Plemons.	Hutchinson.																	B. E. Finley.	
Quanah.	Hardeman.	1,563	6	60.4		92	11	38	17	42	1.60	- 0.50	0.50	0	5	12	2	16	Robert A. Miller.
Ringo Crossing.	Hopkins.																	C. S. Solomon.	
Romero.	Hartley.																	William H. Crawford.	
Sherman.	Grayson.	745	18	63.9	- 0.1	83	4†	41	6	41	2.09	- 1.51	0.53	0	9	7	7	16	H. J. Palmer.
Texline.	Dallam.	4,694	6															R. S. Chamberlain.	
Tulia.	Swisher.	3,501	13	57.8		90	22	32	16	50	3.81	+ 1.86	2.76	0	5	5	22	3	R. A. Gibbs.
Wichita Falls.	Wichita.	958	5															Ft. W. & D. C. Ry.	
Winfield.	Titus.		1															Lou Mulhall.	
Kansas.																			
Alden.	Rice.	1,684	1															L. B. Wait.	
Anthony.	Harper.	1,329	14	57.3		95	29	27	9	39	1.63	- 1.50	0.84	0	5	9	14	7	R. H. Beebe.
Ashland.	Clark.	1,951	23	58.0	+ 0.7	93	29	28	9	50	1.36	- 0.60	0.48	0	8	16	8	6	C. W. Carson.
Burlington.	Coffey.	1,010	18	55.4	- 1.2	93	29	30	1†	44	2.88	- 0.01	1.17	0	7	4	22	4	O. E. Sanford.
Chanute.	Neosho.	940	7	56.0		90	29	30	9	41	5.40	- 2.19	0.9	0	12	15	3	C. W. Brown.	
Cimarron.	Gray.	2,700	5	54.0		90	29	33	15	49	0.44	- 0.29	0.35	0	3	7	19	4	Fred Mallonee.
Coldwater.	Comanche.	2,090	14	56.8	0.0	90	29	29	15	45	0.51	- 0.74	0.35	0	5	19	5	6	J. L. Stanley.
Columbus.	Cherokee.	393	21	55.2	- 1.3	82	29	31	9	35	5.66	+ 1.58	1.80	0	9	12	7	11	O. E. Skinner.
Coalgate.	Hamilton.	3,343	14	53.0	- 0.3	89	2	19	15	55	5.56	- 1.10	0.45	0	2	17	11	2	W. R. Padley.
Cottonwood Falls.	Chase.	1,234	7	54.6		83	29	28	1	42	1.99	- 0.86	0.86	0	8	14	6	10	E. B. Greene.
Cunningham.	Kingman.	1,680	27	56.6	- 0.1	90	29	30	15	49	0.75	- 1.73	0.55	0	3	14	8	8	W. H. Morton.
Dodge City.	Ford.	2,513	37	53.8	- 0.6	87	28	27	15	46	1.01	- 0.86	0.64	0	6	14	12	4	U. S. Weather Bureau.
El Dorado.	Butler.	1,391	9	56.4		92	29	29	9†	41	2.29	- 1.67	0.6	0	6	18	9	3	W. Y. Miller.
Ellinwood.	Barton.	1,790	36	55.2	- 0.1	87	29	23	15	45	1.30	- 0.88	0.65	0	8	7	16	7	Martin Musil.
Emporia.	Lyon.	1,138	30	55.0	- 0.2	84	29	29	9	35	1.85	- 1.08	0.85	0	9	12	13	5	W. H. Boyles.
Eureka.	Greenwood.	1,079	15															T. C. Peifer.	
Fall River.	do.	925	15	50.3	0.0	91	29	38	9	46	3.44	+ 0.75	1.85	0	7	12	16	2	J. McDaniel.
Fargo.	Seward.		1															N. B. Swink.	
Fredonia.	Wilson.	864	8	56.4		90	29	32	1†	41	3.81	- 1.84	0.80	0	8	9	13	8	E. S. Webster.
Garden City.	Finney.	2,836	22	54.9	+ 0.3	88	28	33	15	51	0.40	- 1.66	0.30	0	2	9	15	6	B. W. Holmes.
Great Bend.	Barton.	1,850	2															B. F. Stocks.	
Greensburg.	Kiowa.	2,235	4	55.4		89	29	30	15	42	2.09	- 1.74	0.50	0	3	19	4	7	I. Pritchard.
Grenola.	Elk.	1,116	23	57.2	- 0.2	91	29	29	9	41	5.57	+ 0.58	1.48	0	6	10	15	5	C. C. Raymond.
Howard.	Stevens.	1,112	4															W. H. Lawyer.	
Hugoton.	Reno.		7	56.4		95	28	30	15	51	0.82	- 0.37	0.45	0	4	15	10	3	J. W. Eby.
Hutchinson.	Montgomery.	1,535	21	55.4	- 1.1	94	29	35	15	43	1.71	- 0.77	1.36	0	5	15	7	8	E. M. Anderson.
Independence.	Allen.	800	37	57.2	- 1.7	91	29	31	9	40	4.67	+ 0.99	2.08	0	10	8	9	13	E. S. Webster.
Iola.	Hamilton.	984	5	54.4	+ 0.2	90	29	30	1	40	3.41	+ 0.62	1.38	0	11	12	10	8	F. L. Kenoyer.
Irene.	Hodgeman.	3,440	1	54.0		87	28	24	15	49	0.64	- 0.33	0.30	0	4	10	9	11	U. S. Weather Bureau.
Jetmore.	Kingman.	2,268	10	54.0		88	28	24	1	49	5.58	- 0.97	0.29	0	6	7	17	6	N. M. Herbig.
Kingman.	Kingman.	1,504	3	58.0		83	29	28	15	42	0.67	- 0.29	0.30	0	5	12	12	6	James Aiken.
La Crosse.	Rush.	2,061	9	58.4		86	2	23	15	57	5.53	- 0.40	0.20	0	1	19	7	4	B. B. Anawalt.
Lakin.	Kearny.	2,993	21	53.6	- 0.5	88	28	28	15	56	0.20	- 2.07	0.20	0	9	18	4	8	Rodney Torrey.
Larned.	Pawnee.	2,090	26	55.0		87	29	25	15	48	0.34	- 1.50	0.12	0	8	11	12	2	H. H. Wolcott.
Lebo.	Coffey.	1,183	25	54.4	- 1.5	93	29	27	1	41	2.04	- 0.92	0.97	0	8	11	14	5	J. J. Bowman.
Le Roy.	do.	990	2															F. W. Schmitt.	
Liberal.	Seward.	2,843	4	56.3		88	28	25	15	52	2.21	- 0.13	0.13	0	3	11	1	15	Dr. R. T. Nichols.
Macksville.	Stafford.	2,082	22	52.8	- 1.5	88	29	26	15	54	1.13	- 1.04	0.45	0	6	12	10	8	Mrs. Nelia Poling.
McPherson.	McPherson.	1,485	22	54.0	- 1.7	92	29	28	8	51	0.78	- 1.83	0.41	0	5	15	6	9	Edward F. Haberlein.
Madison.	Greenwood.	1,074	10	54.2		93	29	35	9	47	2.25	- 0.60	1.05	0	8	10	12	2	C. A. David.
Marion.	Marion.	1,310	18	55.4	- 1.4	92	29	27	9†	44	1.65	- 1.26	0.78	0	8	13	7	10	Jerry Forney.
Medicine Lodge.	Barber.	1,259	18	57.4	- 1.0	96	29	28	9†	44	2.62	+ 0.46	1.44	0	5	14	12	4	S. P. Garrison.
Medora.	Reno.	1,484	2															M. L. Rickenbrode.	
Mount Hope.	Sedgwick.	1,410	14															H. N. Renfrew.	
Neosho Rapids.	Lyons.	1,092	6															W. H. McMullin.	
Ness City.	Ness.	2,260	18															J. K. Barnd.	
Newton.	Harvey.	1,454	14	56.3	+ 1.7	93	29	30	1†	44	1.88	- 1.10	0.85	0					

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Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.				Precipitation, in inches.				Total number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.							
<i>Oklahoma—Contd.</i>																		
Arrapaho.	Custer.	1,575	17	64.1	+ 4.0	83	22	35	9	44	1.91	- 0.97	0.76	0	5	22	6	s.
Ardmore.	Carter.	873	10	63.2	+ 1.5	86	23	40	5†	35	3.01	- 0.53	1.02	0	11	9	2	n.
Arnett.	Ellis.	2,136	7	57.0	.....	88	21†	35	5†	46	1.83	.....	1.10	0	5	14	14	s.
Bartlesville.	Washington.	687	3	58.2	.....	88	29	35	1	40	1.60	.....	1.00	0	4	11	10	sw.
Beaver.	Beaver.	2,500	15	57.8	+ 0.2	89	29	25	15	49	0.80	- 1.39	0.70	0	2	21	5	s.
Blackburn.	Pawnee.	800	10	61.0	+ 1.0	82	22	33	9†	43	3.07	- 1.77	1.04	0	8	15	7	se.
Cache.	Comanche.	1,350	5	59.8	.....	90	12	30	16	48	1.66	.....	0.50	0	6	12	10	n.
Calvin.	Hughes.	713	6	.....	.....	.....	.....	.....	.....	.....	4.74	1.25	.....	0	13	13	10	sw.
Chandler.	Lincoln.	865	10	60.2	- 0.3	88	22	37	5†	48	4.46	+ 0.80	1.22	0	8	11	5	e.
Chattanooga.	Comanche.	1,150	5	63.2	.....	94	12	35	9	47	1.99	.....	0.51	0	8	7	20	s.
Chickasha.	Grady.	1,091	10	63.0	+ 1.1	91	22	34	9	43	3.39	+ 0.20	1.49	0	8	27	2	s.
Cloud Chief.	Washita.	1,400	9	63.2	.....	92	12	34	9	47	1.60	.....	1.60	0	1	13	9	se.
Durant.	Bryan.	643	10	61.2	+ 0.3	87	22	41	9†	43	5.32	+ 1.64	1.21	0	6	12	3	n.
Eldorado.	Jackson.	1,456	4	62.2	.....	93	12	33	16	47	1.32	.....	0.51	0	6	4	22	s.
El Reno.	Canadian.	1,400	20	62.2	.....	92	22	33	5	46	3.20	+ 0.56	1.50	0	8	19	7	s.
Enid.	Garfield.	1,269	10	57.4	- 0.5	92	22	34	16	49	0.55	.....	0.22	0	4	7	18	s.
Erick.	Beckham.	2,058	6	60.6	.....	91	13	34	33	38	6.04	+ 2.37	2.32	0	7	9	14	s.
Fairland.	Ottawa.	839	11	57.7	- 0.1	87	22	30	5	46	1.56	.....	1.50	0	12	11	2	sw.
Fort Gibson.	Muskegee.	556	6	.....	.....	.....	.....	.....	5	46	1.99	.....	0.99	0	8	13	2	s.
Frederick.	Tillman.	1,293	5	62.8	.....	97	22	35	48	51	1.83	.....	0.59	0	5	23	5	s.
Goodwell.	Texas.	3,300	1	59.3	.....	90	13	24	15	62	0.70	.....	0.59	0	3	15	0	s.
Guthrie.	Logan.	1,000	18	61.4	- 0.3	92	22	31	9	43	2.20	- 0.93	1.00	0	11	10	3	sw.
Guymon.	Texas.	3,133	2	.....	.....	.....	.....	.....	5	46	0.58	.....	0.37	0	4	1	1	s.
Harrington.	Roger Mills.	2,200	7	59.7	.....	88	19†	36	1†	39	1.41	.....	0.43	0	4	7	13	sw.
Hartshorne.	Pittsburg.	700	12	62.5	+ 0.6	88	22	34	39	40	4.10	- 0.10	0.95	0	8	16	2	s.
Healdton.	Carter.	900	17	62.8	+ 0.1	88	22	34	9	39	3.19	- 0.45	0.66	0	7	7	20	s.
Helena.	Alfalfa.	1,396	3	58.5	.....	91	29	30	5	46	1.56	.....	1.05	0	4	16	11	s.
Hennessey.	Kingfisher.	1,166	16	62.2*	+ 1.7	91	22	36	5	24	2.94	+ 0.25	1.10	0	6	23	1	nw.
Hobart.	Kiowa.	1,396	8	63.4	.....	91	22	36	16	49	1.03	.....	0.81	0	7	10	15	s.
Holdenville.	Hughes.	900	10	60.4	+ 1.1	84	22	34	9	36	3.32	- 0.09	0.80	0	10	17	10	s.
Hooker.	Texas.	3,038	5	56.3	.....	89	28	34	15	54	0.49	.....	0.31	0	5	14	1	se.
Hurley.	Cimarron.	4,200	3	52.1	.....	88	28	19	15	47	0.50	.....	0.20	0	4	8	19	sw.
Idabel.	McCurtain.	474	3	62.6	.....	87	6	38	9	34	5.50	.....	2.00	0	8	21	2	s.
Jefferson.	Grant.	1,062	17	57.1	- 1.2	94	29	30	9	46	1.99	- 0.77	1.17	0	6	16	8	se.
Kenton.	Cimarron.	4,000	10	56.8	+ 3.4	87	21	26	15	47	0.21	- 1.57	0.10	0	5	18	5	s.
Kingfisher.	Kingfisher.	1,046	14	61.6	+ 1.3	90	22	32	9	43	3.24	- 0.28	1.52	0	9	8	15	s.
McAlester.	Pittsburg.	698	15	62.6	.....	85	23	36	9	35	5.31	+ 1.12	1.24	0	11	10	3	n.
McComb.	Pottawatomie.	1,200	17	.....	.....	.....	.....	.....	5	46	1.24	.....	0	11	10	3	sw.	
Mangum.	Greer.	1,555	18	61.0	- 1.1	92	22	35	47*	47	1.49	- 0.71	0.45	0	8	11	3	se.
Marlow.	Stephens.	1,292	10	62.0	+ 1.4	89	22	39	15	35	1.91	- 1.80	0.56	0	7	6	7	s.
Meeker.	Lincoln.	1,030	17	59.4	- 1.3	87	19†	32	9	43	2.60	- 1.13	0.80	0	5	13	7	s.
Muskogee.	Muskogee.	614	12	60.3	+ 0.2	83	2†	34	9	33	7.24	+ 3.36	1.49	0	10	10	4	e.
Mutual.	Woodward.	3	.....	58.2	.....	83	28	32	1†	49	3.16	.....	2.36	0	2	15	3	s.
Neola.	Caddo.	1,500	5	60.3	.....	90	12	35	9†	45	2.55	.....	1.35	0	7	17	4	s.
Newkirk.	Kay.	1,149	13	60.9	+ 2.1	92	29	35	9	38	2.62	- 0.18	1.40	0	2	18	10	s.
Norman.	Cleveland.	1,171	16	.....	.....	.....	.....	.....	5	46	1.24	.....	0	11	10	3	sw.	
Oakwood.	Dewey.	1,854	1	58.6	.....	90	22†	33	5†	47	2.54	.....	1.00	0	7	14	9	s.
Okeene.	Blaine.	1,194	7	59.8	.....	89	22	32	9	36	1.62	.....	0.84	0	8	18	6	s.
Oklahoma.	Oklahoma.	1,247	20	59.4	- 0.2	86	22	38	9	34	2.93	+ 0.13	0.99	0	10	8	16	sw.
Omulgee.	Omulgee.	752	7	62.1*	.....	88	22	39	37*	7.19	2.85	.....	2.85	0	7	17*	0	s.
Pauls Valley.	Garvin.	880	11	62.8	+ 3.0	82	22	31	9	40	3.55	- 1.14	0.84	0	7	19	7	s.
Pawhuska.	Osage.	918	11	61.1	+ 2.3	97	28	31	9	46	3.17	- 0.07	1.30	0	7	12	6	s.
Perry.	Noble.	920	12	59.8	+ 0.7	87	22	32	9	37	5.59	+ 1.99	1.95	0	8	13	13	se.
Ravia.	Johnston.	796	8	62.3	.....	87	22	33	16	34	4.42	.....	1.64	0	8	13	4	s.
Sac and Fox Agency.	Lincoln.	900	18	61.2	+ 0.3	89	22	36	9	42	4.53	+ 1.50	1.60	0	7	16	8	e.
Shawnee.	Pottawatomie.	1,041	10	59.6	- 1.9	86	22	36	5	38	2.93	- 0.42	0.76	0	11	10	9	se.
Snyder.	Kiowa.	1,356	4	63.0	.....	92	12	33	16	45	0.90	.....	0.42	0	12	13	5	se.
Stillwater.	Payne.	880	18	58.4	- 0.8	85	26	32	9	38	4.33	+ 0.84	1.72	0	8	14	6	ne.
Tulsa.	Tulsa.	700	22	58.4	.....	86	29	36	9	35	2.37	- 1.12	0.68	0	8	11	15	s.
Vinita.	Craig.	698	7	.....	.....	91	20	33	15	49	1.10	.....	0.99	0	3	19	8	sw.
Wagoner.	Wagoner.	588	14	58.6	- 0.5	82	22	32	40†	5.50	2.00	.....	0	9	11†	3†	10†	s.
Waupons.	Garfield.	1,258	14	58.8	- 0.3	90	29	32	9	38	3.21	+ 0.22	1.75	0	12	11	7	ne.
Waurika.	Jefferson.	988	1	63.6	.....	91	12	38	9	36	2.17	.....	0.59	0	9	9	15	s.
Weatherford.	Custer.	1,630	10	59.2	+ 0.4	80	12†	32	9	49	1.60	- 1.10	0.60	0	7	14	9	s.
Webbers Falls.	Muskogee.	479	12	59.9	- 0.1	83	22	35	9	35	6.50	+ 2.75	1.60	0	10	15	10	s.
Whiteagle.	Kay.	945	7	59.8	.....	87	2†	32	9	48	2.88	.....	1.34	0	3	15	11	e.
Woodward.	Woodward.	1,893	8	58.8	.....	91	20	33	15	49	1.10	.....	0.99	0	3	19	8	s.
<i>Missouri.</i>																		
Belle.	Maries.	20	54.8*	+ 0.3	88	29	28	1†	48	3.12	- 1.01	0.63	0	9	4†	15†	7†	s.
Birchtree.	Shannon.	1,200	18	56.8*	- 0.1	81	29	31	1†	35	6.54	+ 1.98	2.10	0	8	17	6	15
Cape Girardeau.	Cape Girardeau.	305	7	60.2	+ 1.0	87	6	31	1	40	8.21	+ 4.57	1.82</td					

TABLE 1.—*Climatological data for April, 1911. District No. 7—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of days 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Kentucky.																			
Blandville.....	Ballard.....	445	29	57.6	+ 0.4	82	6	30	1	5.77	+ 1.58	1.34	0	13	5	14	11	sw.	E. W. Horr.
Tennessee.																			
Arlington.....	Shelby.....	29	58.2	- 0.4	83	6	38	1†	38	9.68	+ 5.71	3.30	0	10	10	4	16	s.	A. T. B. Etheridge.
Bolivar.....	Hardeman.....	450	58.6	- 0.8	89	3	35	1†	47	10.88	+ 6.30	4.23	0	9	12	1	17	nw.	Miss M. A. Smith.
Brownsville.....	Haywood.....	361	57.8	- 2.5	82	29	35	1	38	9.85	+ 5.15	3.05	0	10	7	14	9	s.	Miss Hattie N. Moses.
Covington.....	Tipton.....	311	59.6	- 0.5	83	29	38	1	29	10.42	+ 6.01	2.90	0	12	15	0	15	s.	J. S. Ruffin.
Dyersburg.....	Dyer.....	310	59.8	0.0	84	6†	36	2	38	10.18	+ 4.91	2.60	0	8	14	0	16	se.	Miss M. A. Sinclair.
Jackson.....	Madison.....	450	58.8	- 0.7	87	6	32	1	43	12.48	+ 7.31	3.35	0	11	16	4	10	s.	Prof. S. A. Robert.
Kenton.....	Obion.....	325	59.8	- 1.1	83	6	30	1	35	9.66	+ 5.71	3.04	0	13	6	6	10	s.	G. S. Martin.
Memphis.....	Shelby.....	409	60.7	- 1.1	84	6	40	1	32	8.84	+ 4.01	1.93	0	11	7	3	20	ne.	U. S. Weather Bureau.
Milan.....	Gibson.....	440	58.4	- 1.0	83	3†	36	1†	41	7.39	+ 2.67	1.93	0	11	7	3	20	s.	O. F. Cantwell.
Trenton.....	do.....	345	58.2	- 1.3	82	3†	30	2	40	8.82	+ 3.75	1.95	0	11	15	7	8	sw.	Prof. F. L. Dennison.
Union City.....	Obion.....	360	13							7.30	+ 3.14								J. B. Kimzey.
Arkansas.																			
Allcia.....	Lawrence.....	7	60.0	-	85	6	35	1	41	9.40	-	2.05	0	9	17	7	6	n.	McCullough & Guelek.
Amity.....	Clark.....	250	61.8	- 0.7	89	5	36	9	40	13.84	+ 8.97	4.25	0	14	9	10	11	sw.	Prof. S. M. Samson.
Arkadelphia (near).....	do.....	250	62.7	-	87		41			11.09	-	2.66	0	14				sw.	J. A. Ross.
Arkansas City.....	Desha.....	145	28							13.72	+ 9.94	5.64	0	13					W. C. Blundell.
Batesville.....	Independence.....	171	6							10.10	-	1.70	0	14					Lelia I. Teter.
Bee Branch.....	Van Buren.....	19	60.2	- 0.8	81		33			10.50	+ 6.73	2.00	0	11	12	5	13		J. E. Scanlan.
Benton.....	Saline.....	283	60.3	-	89	6	37	16	38	14.53	-	4.20	0	8	16	5	9	s.	P. B. Jackson.
Bentonville.....	Benton.....	1,303	56.4	- 0.5	80	13	35	9	31	7.44	+ 3.55	1.82	0	13	12	6	12	s.	U. S. Weather Bureau.
Bergman.....	Boone.....	1,324	54.6	- 1.5	83	28	29	1	44	8.45	+ 4.62	5.10	0	8	12	11	7	sw.	John T. Maxey.
Black Rock.....	Lawrence.....	257	7							8.89	-	2.28	0	13					S. J. Howe.
Brinkley.....	Monroe.....	226	59.9	- 1.8	88	6	39	1†	45	12.55	+ 9.02	4.42	0	8					H. L. D. Whitson.
Calico Rock.....	Izard.....	361	7							6.90	-	2.25	0	9					W. H. Stoner.
Camden.....	Ouachita.....	158	64.4	+ 0.8	90	13	39	9†	40	10.81	+ 6.25	2.43	0	14					R. H. Quartermann.
Centerpoint.....	Howard.....	470	63.6	+ 0.7	90	6	40	16	35	7.94	+ 2.88	1.57	0	9	6	8	16	se.	J. M. Huddleston.
Clarendon.....	Monroe.....	171	7							13.15	-	2.53	0	14					Mrs. B. E. Bishop.
Conway.....	Faulkner.....	309	60.8	- 1.5	88	6	40	9	36	11.63	+ 7.88	2.64	0	14	10	7	13	se.	G. H. Burr.
Corning.....	Clay.....	283	59.2	+ 0.1	81	29	31	1	34	6.70	+ 6.25	1.54	0	11	5	14	11	s.	Jacob Brobst.
Dardanelle.....	Yell.....	330	59.6	-	86	6	41	8†	40	7.64	-	1.86	0	14					A. Bernard.
Dodd City.....	Marion.....	1,175	57.9	- 2.4	81		31			7.69	+ 3.97	3.00	0	8					Neal Dodd.
Earl.....	Crittenden.....	223	5							8.95	+ 4.99	1.80	0	12	5	16	9	s.	W. J. Moss.
Eldorado.....	Union.....	265	62.6	-	89	6	40			11.18	-	4.13	0	15					Jeff J. Babb.
England.....	Lonoke.....	5																	J. C. Chenault.
Eureka Springs.....	Carroll.....	1,465	58.8	-	85	13	35	9	36	6.68	-	1.63	0	9	4	21	5	sw.	George W. Nicholds.
Fayetteville.....	Washington.....	1,451	58.1	- 0.7	79	13	36	16	33	5.11	+ 0.73	1.32	0	14	9	12	12	sw.	University of Arkansas.
Fordyce.....	Dallas.....	62.6								9.86	-	2.24	0	14	8	10	12	s.	A. Tredick.
Fort Smith.....	Sebastian.....	481	60.2	- 1.5	81	20	42	9	32	4.20	+ 0.30	1.13	0	12	8	8	14	e.	U. S. Weather Bureau.
Fulton.....	Hempstead.....	264	7							10.31	-	2.00	0	10					B. C. Logan.
Hardy.....	Sharp.....	643	58.4	+ 0.3	83	6	34	1	35	9.08	+ 4.00	2.25	0	15	7	10	13	se.	C. A. Caywood.
Helena.....	Phillips.....	182	60.8	- 2.2	89	30	40	9	33	11.85	+ 6.38	4.24	0	13					B. F. Modisett.
Hot Springs.....	Garland.....	600	63.0	-	89	6	41			14.68	-	4.40	0	12	15	4	11	ne.	Hot Springs Water Co.
Huttig.....	Union.....	85	65.9	-	90		41			36a	7.68	2.44	0	14					C. A. Berry.
Jonesboro.....	Craighead.....	345	59.4	- 2.6	88	19	31	1	40	8.95	+ 4.99	1.80	0	12	5	16	9	s.	Benedictine Sisters.
Junction.....	Union.....	18								11.04	-	1.47	0	12	10	14	6		J. A. Lowderback.
Lake Farm.....	Jefferson.....	195	62.6	-	87	7	36	9	42	11.24	-	3.90	0	9	9	10	11	s.	R. H. Gillispie.
Lewisville.....	Lafayette.....	262	64.2	-	89	6	40	9	36	13.79	-	2.00	0	16	11	4	15	sw.	F. W. Youmans.
Little Rock.....	Pulaski.....	357	60.8	- 1.9	87	6	41	7	33	10.72	+ 6.21	2.96	0	14	8	14	13	ne.	U. S. Weather Bureau.
Lutherville.....	Johnson.....	775	59.4	+ 0.4	81	6	38	16	33	8.15	+ 4.21	2.11	0	12	9	8	13	sw.	G. H. Hentschel.
Malvern.....	Hot Spring.....	277	60.6	- 1.3	85	13	39	9†	38	11.07	+ 6.98	2.52	0	10	10	15	5	e.	Miss L. C. Smith.
Mammoth Spring.....	Fulton.....	512	58.6	-	89	29	31	1	40	5.93	-	1.47	0	12	10	14	6		F. Wallack.
Marked Tree.....	Poinsett.....	229	7							12.36	+ 7.58	4.46	0	13	14	7	9	sw.	L. Smith.
Mena.....	Polk.....	1,100	60.3	- 2.2	84	6	39	8	30	12.36	+ 7.58	4.46	0	13	14	7	9	nw.	R. R. St. John.
Newport.....	Jackson.....	231	59.3	- 2.4	86	6	39	1	39	12.97	+ 8.47	4.50	0	14					Charles Spragg.
Ozark.....	Franklin.....	377	61.2	+ 0.5	83	13	40	15	35	8.28	+ 4.39	3.05	0	15	11	13	6	e.	R. M. Adams.
Pine Bluff.....	Jefferson.....	215	61.8	- 1.8	88	6	40	9	36	14.32	+ 9.72	3.40	0	12					J. M. Hudson.
Pond.....	Randolph.....	19	60.2	+ 0.9	85	6	32	1	37	9.01	+ 4.84	2.65	0	10	10	15	5		Benedictine Sisters.
Portland.....	Benton.....	1,250	56.6	+ 0.7	79	2†	31	9†	38	5.32	+ 1.64	1.03	0	10	2	19	9	sw.	A. F. Stevens.
Prescott.....	Ashley.....	122	65.4	-	85	13†	43	7	28	8.62	-	3.60	0	13					L. W. Gregory.
Rogers.....	Nevada.....	237	61.6	- 1.6	90	6	35	16	35	5.63	+ 1.32	1.50	0	10	9	5	16	s.	Carl A. Stark.
Springbank.....	Benton.....	1,385	57.8	- 0.4	80	13	35	16	35	5.63	+ 1.32	1.50	0	10	9	5	16	s.	G. Field.
Stuttgart.....	Miller.....	182	4							11.02	-	2.06	0	13					H. A. Buerkle.
Subiaco.....	Arkansas.....	495	61.0	- 1.6	86	6	37	9	37	9.43	+ 5.14	2.18	0	13	10	12	8	sw.	New Subiaco Abbey.
Swain.....	Logan.....	1,050	60.2	- 0.5	81	22	41	8†	34	7.03	+ 3.65	1.32	0	12	14	3	13	sw.	George Paxton.
Texarkana.....	Newton.....	2,300	55.4	-	75	34	39	29†	85	2.16	-	0.17	0	11	6	6	13	s.	D. E. Moore.
Warren.....	Miller.....	332	62.6	- 1.0	88	6	42	9	33	10.34	+ 6.09	1.96	0	13					W. J. Savage.
Bradley.....	Bradley.....	304	62.5	+ 0.2	89	6	38	9	44	11.21	+								

TABLE 1.—Climatological data for April, 1911. District No. 7—Continued.

Stations.	Counties.	Elevation, feet	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.			
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days.	0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.
<i>Mississippi—Contd.</i>																			
Greenwood.....	Leflore.....	140	11	63.7	+ 0.7	89	6†	40	9	38	8.24	+ 4.49	2.54	0	12	8	9	13	se.
Grenada.....	Grenada.....	124	2								10.35		3.12		12	13	9	8	nw.
Hernando.....	De Soto.....	391	23	60.2	- 1.4	84	6	37	9	36	14.31		5.29	0	12	13	6	11	se.
Hickory Flat.....	Benton.....	435	2								11.39		2.70	0	12	2	20	8	se.
Holly Springs.....	Marshall.....	600	24	58.7	- 3.0	82	3†	38	9	34	13.03	+ 8.13	4.22	0	13	10	2	18	Tallahatchie drainage com.
Kosciusko.....	Attala.....	430	21	63.7	+ 0.3	89	6	40	9†	38	5.85	+ 1.96	1.36	0	13	14	11	5	e.
Lake Cormorant.....	De Soto.....	206	2								11.70		3.47	0	14	5	17	8	na.
Lula.....	Coahoma.....	182	2								11.41		4.17	0	14	8	12	10	Do.
Malone.....	Marshall.....	133	3								12.85		3.23	0	15				Do.
Marks.....	Quitman.....	163	2								13.02		4.76	0	14				Do.
Natchez.....	Adams.....	206	23	68.5	+ 1.1	90	6	45	9	33	7.24	+ 2.55	1.90	0	7	10	1	19	s.
New Albany.....	Union.....	398	2								11.06		2.60	0	12	5	19	6	sw.
Pontotoc.....	Pontotoc.....	475	22	61.0	- 1.0	86	6	37	9	37	11.29	+ 7.59	2.90	0	14	6	19	5	se.
Port Gibson.....	Claiborne.....	116	23	66.6	+ 1.1	89	6	42	9†	37b	7.97	+ 3.55	1.80	0	11	6	3	21	e.
Rosedale.....	Bolivar.....	143	3	61.6		85	13	41	16	39	10.86		2.35	0	13	4	6	20	n.w.
Senatobia.....	Tate.....	234	2								15.74		4.41	0	17	9	0	21	T. J. Murray.
Shoecoe.....	Madison.....	8	65.8								10.58	+ 6.52	3.80	0	10	14	6	10	Tallahatchie drainage com.
Suffolk.....	Franklin.....	10	68.8	+ 3.5	89	6	43	10	33	6.19	+ 1.95	2.33	0	14	10	10	10	J. C. Pitchford.	
Swan Lake.....	Tallahatchie.....	148	6	65.6		89	6	38	9	37	8.84		3.23	0	9	3	22	5	se.
Tchula.....	Holmes.....	130	6								9.35		7.35	0	6	10	18	2	n.
University.....	Lafayette.....	502	18	61.8	- 0.7	87	6	36	9	35	11.63	+ 7.35	3.10	0	13	9	4	17	se.
Hinds.....	Hinds.....	287	7	66.8		88	6	41	10	33	9.17		1.68	0	12	9	4	17	Dr. C. W. Bolton.
Vicksburg.....	Burnett.....	247	40	66.2	+ 1.0	86	6	45	9	28	11.41	+ 6.25	3.73	0	13	7	8	15	H. H. Crisler.
Water Valley.....	Warren.....	300	22	61.4	- 1.9	87	6	39	9	35	12.30		3.50	0	10	11	10	9	U. S. Weather Bureau.
Woodville.....	Yalobusha.....	560	18	68.6	+ 1.9	88	6	44	10	30	5.76	+ 0.73	1.52	0	11	15	12	3	Miss Loula Erikson.
Yazoo City.....	Wilkinson.....	116	17	66.2	+ 1.0	89	6	40	10	37	8.70	+ 4.38	3.06	0	11	14	4	12	James E. Lee.
<i>Louisiana.</i>																			
Abbeville.....	Vermilion.....	18	23	72.4	+ 3.5	90	22	50	9†	29	2.94	- 1.29	1.50	0	9	13	11	6	C. J. Edwards.
Alexandria.....	Rapides.....	77	23	67.8	+ 0.7	90	22	47	9	36	7.04	+ 2.49	3.23	0	9	4	5	21	Nellie Graham.
Amite.....	Tangipahoa.....	130	23	69.2	+ 2.0	89	5	44	11	37	3.95	- 1.24	1.50	0	6	10	18	2	Lulu M. Wantz.
Baton Rouge.....	East Baton Rouge.....	60	23	72.6	+ 5.3	88	23	51	10	26	9.24	+ 4.61	3.43	0	14	9	3	18	Elmo M. Bott.
Burnside.....	Ascension.....	2	11	71.1	+ 4.0	88	6†	49	10	33	8.73	+ 3.92	4.85	0	9	11	8	11	C. S. McFarland.
Burwood.....	Plaquemines.....	1	23	71.8	+ 3.8	83	15	59	9	27	7.75	+ 4.37	3.00	0	9	12	10	8	Graham Myers.
Cades §.....	Saint Martin.....	1	23	72.2		90	21	51	9	29	4.99		1.03	0	10	17	5	8	C. E. Smiedes.
Calhoun.....	Ouachita.....	180	23	65.2	+ 1.1	89	6	42	9	41	7.82	+ 3.29	2.02	0	13	7	13	10	N. L. experiment station.
Cameron.....	Cameron.....	6	18	70.2	+ 1.1	89	6†	50	9	26	2.27	- 1.20	1.40	0	4	5	18	7	State biological station.
Carrollton.....	Orleans.....	7	71.4								2.20		2.12	0	6	15	9	6	Loyola College.
Cherryville.....	Rapides.....	67	23	69.7	+ 1.3	90	22	45	9	34	7.75	+ 2.99	3.00	0	9	8	4	18	Walter I. Tanner.
Cinclare.....	West Baton Rouge.....	1	70.2								9.41	10.84	4.15	0	14	9	1	26	Cinclare Cent. Factory.
Clinton.....	East Feliciana.....	113	23	69.6	+ 2.3	88	6	46	10	30	2.77	- 2.18	0.77	0	9	6	3	22	John A. White.
Collinston.....	Morehouse.....	65	10	68.6	+ 1.9	89	6†	42	9	38	10.10		2.12	0	11	7	6	17	John B. Reily.
Covington.....	Saint Tammany.....	39	19	70.0	+ 2.0	87	5†	47	10	32	6.41	+ 2.09	2.18	0	8	9	1	20	Lucille Champagne.
Dodson.....	Winn.....	2	67.3								9.38	6.57	1.30	0	11	19	12	7	J. P. Lucas.
Donaldsonville.....	Ascension.....	33	23	72.0	+ 3.8	91	22	50	10	30	12.45	+ 8.13	4.30	0	8	10	7	13	John P. Park.
Farmerville.....	Union.....	177	23	62.6	- 2.3	88	5	40	9	38	7.35	+ 2.10	2.25	0	10	7	10	13	W. P. Chandler.
Ferriday.....	Concordia.....	2	68.3								9.44		4.44	0	7	18	0	12	R. Z. Schater.
Franklin.....	Saint Mary.....	10	19	72.8	+ 3.9	92	5	53	9	37	3.88	- 0.44	1.25	0	12	12	6	13	J. M. Bonney.
Grand Cane.....	De Soto.....	302	15	62.9	- 1.5	91	23	37	8†	41	9.82	+ 4.34	2.03	0	12	10	6	16	J. Foster Provost.
Grand Coteau.....	Saint Landry.....	93	23	71.5	+ 3.1	91	22	48	9†	29	4.44	+ 0.24	2.15	0	12	11	12	7	Saint Charles College.
Hammond.....	Tangipahoa.....	44	19	70.5	+ 3.2	89	22	46	10	32	6.94	+ 2.44	3.03	0	11	19	11	14	C. C. Carr.
Houma.....	Terrebonne.....	23	75.0	+ 6.1	90	2	56	5	31	7.10	+ 2.98	2.60	0	7	20	0	10	ne.	
Jena.....	Catahoula.....	68.7									8.86		3.51	0	9	5	11	14	H. M. Foote.
Jennings.....	Calcasieu.....	30	14	71.6	+ 4.4	92	22	49	9	37	4.69	+ 1.06	1.36	0	10	4	16	10	I. A. Wilbanks.
Lafayette.....	Lafayette.....	36	23	71.2	+ 3.1	87	5†	50	9†	33	4.79	+ 0.85	1.49	0	12	5	7	18	J. F. Buch.
Lake Charles.....	Calcasieu.....	22	23	68.3	+ 0.8	90	5†	51	18	40	6.68	+ 3.59	2.30	0	12	6	0	10	J. J. Davidson.
Lakeside.....	Cameron.....	9	10	71.9	+ 4.1	90	22	51	9	26	5.04		2.70	0	5	13	9	3	George Boudreaux.
Lawrence.....	Plaquemines.....	6	20	72.3	+ 4.1	90	22	54	10	27	11.97	+ 8.53	3.53	0	9	14	4	12	L. J. Nunnemacher.
Leesville.....	Vernon.....	4									9.35		1.36	0	7	20	0	10	H. C. Warmoth.
Liberty Hill.....	Bienville.....	23	67.0	+ 0.9	93	6	42	9	41	8.55	+ 4.15	2.30	0	12	9	7	14	C. M. McFarland.	
Logansport.....	De Soto.....	192	7								12.61		2.70	0	17	9	1	20	E. A. Crawford.
Melville.....	Saint Landry.....	45	23	70.0	+ 2.0	90	23	44	10	38	11.00	+ 5.80	5.36	0	12	5	9	16	Bettie M. Dennis.
Minden.....	Webster.....	194	23	64.4	- 0.8	89	6†	41	9	34	12.65	+ 8.92	2.60	0	16	4	8	18	Charles B. McNeill.
Monroe.....	Ouachita.....	82	23	70.4	+ 4.5	94	23	43	15	43	7.00	+ 2.68	1.84	0	7	11	3	16	Ethel Fort.
Morgan City.....	Saint Mary.....	14	5								2.71		1.16	0	9	8	8	14	L. L. Smith.
Newellton.....	Tensas.....	4									7.33		2.90	0	11	13	7	10	Virgil E. Kinsey.
New Iberia.....	Iberia.....	15	23	71.8	+ 3.3	86	8†	51	9	24	4.46	- 0.05	1.60	0	12	10	9	11	John D. Fultz.
New Orleans (1).....	Orleans.....	51	40	71.2	+ 3.3	86	5	54	10	22	13.78	+ 8.85	4.37	0	12	6	13	11	Mrs. John A. Gebert.
New Orleans (2).....	do.....	18	23	71.9	+ 3.5	89	14†	52	9†	33	9.09	+ 8.70	4.30	0	12	6	7	17	U. S. Weather Bureau.
Opelousas.....	Saint Landry.....	83	19	71.4	+ 3.5	90	15†	48	10	38	6.43	+ 1.7							

TABLE 2.—*Daily precipitation for April, 1911. District No. 7, Lower Mississippi Valley.*

TABLE 2.—Daily precipitation for April, 1911. District No. 7—Continued.

Stations.	Watershed.	Day of month.																													Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Texas—Continued.																																	
Dalhart	Canadian	.06																															0.59
Denison	Red	.04	.03	.50	.03																											2.52	
Finley	do			1.06	.50																											7.71	
Henretta	do	.29	.41																													2.47	
Hereford	do																																
Lewis Ferry	do			.50																												8.94	
Memphis	do																															1.80	
Miami	Canadian	.02																														1.78	
Mobeetie	do	.60																														0.60	
Nazareth	do																																
Ochiltree	Canadian																																
Pampa	do																																
Paris	Red	.13	.51	.81																												5.66	
Plemons	Canadian	.51																														0.88	
Quanah	do	.20																														1.60	
Ringo Crossing	do			1.42																												5.13	
Romero	Canadian	T.	.01	T.	T.	T.	T.																									0.27	
Sherman	Red	.25	.32	.13	T.	T.																										2.09	
Texline	Canadian																															0.50	
Tulla	Red	.51																														3.81	
Wichita Falls	do	.65	.51																													2.68	
Winfield	do	.24	.58	.81																												8.54	
Kansas.																																	
Alden	Arkansas	.31	.09	T.																												30	0.83
Anthony	do	.84	.55																														1.63
Ashland	Cimarron	.45	.03	.03																													1.36
Burlington	Neosho	1.17	.21																														2.88
Chanute	do	2.18	1.35	T.																													5.40
Cimarron	Cimarron	.13	.02																														0.44
Coldwater	do	T.	.35	.03																													0.81
Columbus	Neosho	1.80	1.26																														5.66
Coolidge	Arkansas	.11																															0.56
Cottonwood Falls	Neosho	.86	T.	.04	T.																											1.99	
Council Grove	do																																
Cunningham	Arkansas	.05	.55	T.																												15	0.75
Dodge City	do	.52	.12	.04																													1.01
El Dorado	do	1.67	.12																														2.39
Ellinwood	do	.08	.24																														1.30
Emporia	Neosho	.85	.28	.02																												1.85	
Eureka	Verdigris																																
Fall River	do	1.85	1.00																													3.44	
Fargo	Cimarron	T.																															T.
Frederia	Verdigris	1.84	1.58																													3.81	
Garden City	Arkansas	.10		.27																												0.40	
Great Bend	do																															2.09	
Greensburg	do	1.74																														3.57	
Granola	Verdigris	1.48	1.46																													3.22	
Howard	do	.55	2.50																													0.82	
Hugoton	Cimarron	.06	T.	T.																												1.71	
Hutchinson	Arkansas	1.36	.07																													2.04	
Independence	Verdigris	1.69	2.08																													4.67	
Iola	Neosho	.03	1.35	.61																												3.41	
Irene	Arkansas	.13	T.	T.																												0.64	
Jetmore	do	.30																														0.58	
Kingman	do			.07																											21	0.67	
La Crosse	do			.40	T.																										0.53		
Lakin	do	.20																														0.20	
Larned	do	.02	.01																													13.34	
Lebo	Neosho	.05	.92	.27																												2.04	
Le Roy	do	.78	.30	.25																												2.66	
Liberia	Cimarron	.05	.03																													0.21	
Macksville	Arkansas	.38	0.04	T.																												45	
McPherson	do	.41	.03																													16.78	
Madison	Verdigris	T.	1.05	.30	T.																										28.25		
Marion	Neosho	.78	.04	.01	T.																												

TABLE 2.—*Daily precipitation for April, 1911. District No. 7—Continued.*

Stations.	Watershed.	Day of month.																												Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		
<i>Oklahoma—Contd.</i>																																
Durant	Red	T.	.	.13	.40	.08	.	.	.13	T.	.02	.50	T.	.85	.98	.	.	.87	.03	.	.13	.22	T.	.T.	.19	.	.51	.	.	5.32		
Eldorado	do			.14	T.	.			.02																							1.32
El Reno	Canadian			.99	.34	.																										3.25
Enid	Cimarron			.40	.07	1.50	.																								3.20	
Erick	Red			.05																												0.55
Fairland	Arkansas			1.20	.95	.																									6.04	
Fort Gibson	do			T.	.25	1.50	.																								6.66	
Frederick	Red			.08	.10	.																									1.83	
Goodwell	Canadian			.07																												0.70
Guthrie	Cimarron																															2.20
Guyman	Canadian			.08	.05	.																									0.58	
Harrington	Red			.43																											1.41	
Hartshorne	Canadian			.47	.25	.																								4.10		
Healdton	Red			.36	.57	.																								3.19		
Helena	Cimarron			1.05	.37	.																								1.56		
Hennessey	do			.68	.43	.																								2.94		
Hoover	Red			.07	.31	.																								1.02		
Holdenville	Canadian			.30	.23	.																								3.32		
Hooker	do			.04	.01	.																								0.49		
Hurley	do			.10	T.	.																								0.50		
Idabel	Red			.60	.20	.																								5.50		
Jefferson	Arkansas			1.62	1.17	.																								1.99		
Kenton	Cimarron			.03		.																								0.21		
Kingfisher	do			.73	1.52	.																								3.24		
McAlester	Canadian			.45	.49	.																								5.31		
McComb	do																															
Mangum	Red			.09	.42	.																								1.49		
Marlow	Washita	T.		.18	.52	.																								1.91		
Meeker	Canadian			.50	.30	.																								2.60		
Muskogee	Arkansas			.62	1.45	.																								7.24		
Mutual	Canadian			2.36		.																								3.16		
Neola	Washita			.54		1.35	.																							2.62		
Newkirk	Arkansas			1.22	1.40	.																										
Oakwood	Canadian																														2.54	
Okeene	Cimarron			.51	1.62	.																								3.69		
Oklahoma	Canadian			.55	.37	.																								2.93		
Omulgee	do			.54	.30	.																								7.19		
Pauls Valley	Washita			.22	.34	.																								2.53		
Pawhuska	Arkansas			1.22	1.30	.																								3.17		
Perry	do			1.31	.90	.																								5.59		
Ravia	Washita			.47	.17	.																								4.42		
Sac and Fox Agency	Canadian			.43	.84	.																								2.52		
Shawnee	H			.43	.34	.09	.																							2.93		
Snyder	Red			.42	.08	.																								0.90		
Stillwater	Cimarron			1.20	0.05	.90	.																							4.33		
Tulsa	Arkansas			.55	.07	.72	T.																							2.37		
Vinita	do																														1.53	
Wagoner	do			.87	.77	.																								5.50		
Waukomis	Cimarron			.66	1.75	.																								3.21		
Waurika	Red			.44	.35	.																								2.17		
Weatherford	Canadian			.20	.60	.52	.																							1.60		
Webbers Falls	Arkansas			.50	1.45	.																								6.50		
Whiteagle	do			1.10	1.34	.																								2.88		
Woodward	Canadian			.99	.02	.																								1.10		
<i>Missouri.</i>																																
Belle	Meramec			.25	.40	.																								3.12		
Birchtree	Black			.44																										6.54		
Cape Girardeau	Mississippi			2.00	.02	.03																								1.29		
Caruthersville	do			T.	1.82	T.																								8.21		
Cassville	White			.55	.47	.																								5.42		
Dean	Neosho			.81	1.03	.																							5.92			
Doniphan	Black			T.	1.10	.																								5.93		
Gano	Maramec			.11	.30	.																								5.38		
Goodland	Black			.06	.16	.10	.																						1.07			
Greenville	Maramec			.85		.																								9.30		
Hollister	White			.65	.35	.																								1.00		
Ironton	Mississippi			.02																												

TABLE 2.—*Daily precipitation for April, 1911. District No. 7—Continued.*

Stations.	Watershed.	Day of month.																													Total.																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30																	
<i>Arkansas.</i>																																																
Alicia.	White.		1.10				.90			.35		1.30	1.80						2.05															.25	9.40													
Amity.	Ouachita.	1.29	.60					.02	.62	T.	T.	4.25	1.17						28.1.75	.50																												
Arkadelphia (near).	do.	2.05	.10				T.	.31		.78		.28	.73	.94	.20																																	
Arkansas City ||	Mississippi.	5.60	.04					10	.40	T.	1.36	.08							.96	.02																												
Batesville ||	White.	1.70	.04					.08		T.	.62	.14	.98	.86	.44					.84	.68																											
Bee Branch.	Arkansas.	1.00	1.00								1.10		.90	.70	.05																																	
Benton.	Ouachita.	.02									.70		1.11	4.20	2.43																																	
Bentonville.	Arkansas.	.72	1.34							T.	.10	.34	40.1	.37	.24					.36	.05																											
Bergman.	White.	.85	.20									.50	.10	.17	.12					.40																												
Black Rock	do.	1.90	.05								.38		.34	.02	.28	.21	.24																															
Brinkley	do.	3.02									T.	.33		1.80	4.42																																	
Calico Rock	do.	1.25	.10								T.	.30		2.25	1.00	.40					.40	T.																										
Camden	Ouachita.	1.63	.23							T.	.80	.45	02	1.37																																		
Centerpoint.	Red.	1.57	T.									.62																																				
Clarendon	White.	2.53	.12							.05		.60	.02	2.63	1.30	2.45																																
Conway.	Arkansas.	1.33	.43	T.						.71																																						
Corning.	White.	1.48	.05							.74			.04	.90		.16	.18																															
Dardanelle	Arkansas.	1.80	.06							.42																																						
Dodd City.	White.	.75																																														
Earl.	St. Francis.																																															
Eldorado	Ouachita.	T.	4.13	.10						.02	.39	.54	02	1.23	.02																																	
England	Arkansas.																																															
Eureka Springs.	White.	.67	.77	T.																																												
Fayetteville.	do.	.67	.55	.02																																												
Fordyce.	Ouachita.	2.15	.09							.72		.01	.09																																			
Fort Smith.	Arkansas.	.59	.08							.05		.08	.01	.34	.54	.59																																
Fulton	Red.	2.00	.05							.20																																						
Hardy.	White.	.70	.50																																													
Helena	Mississippi.	4.16	.08							.40		.21																																				
Hot Springs.	Ouachita.	2.14	.54																																													
Huttig.	do.	3.24	.05									.77	.02																																			
Jonesboro.	White.	1.80	T.							.70	.05																																					
Junction.	Ouachita.																																															
Lake Farm.	Arkansas.	1.92	.20																																													
Lewisville.	do.	1.05	.64	10						T.	2.00																																					
Little Rock.	Arkansas.	1.11	.52							T.	.03																																					
Lutherville.	do.	1.95	.16																																													
Malvern	Ouachita.	2.52																																														
Mammoth Spring.	White.	*.85																																														
Marked Tree	do.	2.20																																														
Mena.	Ouachita.	.81	.06																																													
Newport	White.	1.80	.06																																													
Ozark.	Arkansas.	.70	.12																																													
Pine Bluff	do.	2.00	.30																																													
Pocatello.	White.	1.74																																														
Pond.	Arkansas.	.80	1.03																																													
Portland	Ouachita.	3.60	.07																																													
Prescott	do.	2.30	.18																																													
Rogers.	Arkansas.	.91	.66				</td																																									

TABLE 2.—*Daily precipitation for April, 1911. District No. 7—Continued.*

*Precipitation included in that of the next measurement.

Separate dates of falls not recorded.

Precipitation for the 24 hours ending on the morning when it is measured.
Precipitation is less than 0.21 inch rain or melted snow.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—*Maximum and minimum temperatures at selected stations, April, 1911. District No. 7, Lower Mississippi Valley.*

Date.	Colorado.				New Mexico.				Texas.				Kansas.								Oklahoma.									
	Lamar.		Leadville.		Pueblo.		Albert.		Cimarron.		Amarillo.		Paris.		Dodge City.		Ellinwood.		Iola.		Liberal.		Wichita.		Ardmore.		Bartlesville.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
1....	83	36	48	23	76	31	77	36	72	27	77	38	72	49	69	32	65	29	56	30	76	34	61	32	76	47	65	35		
2....	83	44	46	26	76	41	78	50	70	40	81	52	82	51	86	50	85	47	80	40	85	48	82	58	82	50	60	50		
3....	70	32	50	23	58	34	70	43	61	45	72	35	70	54	52	33	71	35	66	41	76	33	60	41	75	60	60	50		
4....	63	33	35	22	67	34	70	36	64	31	58	35	70	58	48	34	39	34	41	38	56	32	41	36	58	58	56	65	50	
5....	80	32	40	24	70	41	81	42	66	45	81	43	75	45	78	32	73	33	59	38	83	33	69	38	73	40	50	41		
6....	71	31	36	21	51	32	79	41	64	47	68	39	88	45	58	35	67	35	60	39	74	43	64	37	80	58	67	42		
7....	64	31	36	15	62	27	73	32	59	25	70	35	61	53	56	37	55	33	54	38	60	32	54	39	70	46	57	41		
8....	63	30	48	10	59	41	57	41	51	33	55	42	68	49	58	31	61	28	56	36	61	30	56	35	63	46	57	40		
9....	78	36	46	20	69	32	59	40	63	25	62	40	68	42	63	35	62	31	60	32	67	36	60	30	65	41	70	40		
10....	82	55	43	22	66	37	72	37	64	36	78	43	68	48	71	46	65	45	80	43	66	48	67	53	70	47	60	41		
11....	79	44	42	15	71	30	78	39	69	37	82	44	79	50	77	39	80	41	77	49	80	80	28	79	48	80	47	83	47	
12....	79	40	31	20	66	35	76	51	65	43	81	50	82	53	80	43	86	57	77	55	81	83	58	83	60	81	54	72	49	
13....	75	43	29	7	49	25	66	34	61	22	61	36	83	60	57	32	71	34	65	44	82	43	61	39	76	67	72	49	72	
14....	59	29	26	11	46	30	58	39	62	31	55	39	60	56	52	33	72	34	54	38	57	31	55	38	60	51	57	42	78	38
15....	65	28	41	4	55	23	59	31	53	31	59	38	66	47	64	27	68	23	66	33	65	25	66	36	65	42	78	38	78	38
16....	77	43	44	13	67	30	65	33	65	27	65	35	71	43	69	38	74	29	73	36	70	32	71	43	70	40	75	39	77	45
17....	80	35	39	21	67	43	73	39	64	30	76	46	61	47	63	41	67	44	67	45	74	43	59	57	68	45	75	48	74	43
18....	73	42	43	14	65	41	67	41	61	36	68	46	73	50	70	44	74	47	72	50	71	42	74	50	75	48	74	43	72	49
19....	84	35	55	23	75	32	82	38	73	26	85	43	84	59	74	40	73	33	72	46	82	35	70	44	85	50	78	45	80	45
20....	75	35	54	23	64	39	72	44	70	35	82	48	77	56	71	42	75	36	71	43	74	38	72	47	86	52	75	45	75	45
21....	85	41	50	26	78	41	80	41	74	35	80	51	85	53	75	45	71	37	76	42	81	41	75	46	85	56	76	47	80	47
22....	83	45	50	22	74	41	83	48	77	34	87	50	88	54	84	51	78	52	66	50	86	45	72	52	88	57	77	50	66	53
23....	83	43	51	23	58	42	73	51	66	42	74	42	82	58	66	45	65	45	63	46	88	45	72	47	86	58	76	53	66	40
24....	55	40	50	28	48	41	56	47	42	49	49	57	41	61	44	64	44	63	39	52	40	40	42	71	49	66	44	65	45	
25....	69	43	45	23	72	42	56	45	59	41	53	46	70	51	65	44	68	44	62	42	71	41	62	44	68	50	75	45	75	45
26....	84	41	52	23	76	40	70	48	68	40	61	48	64	52	68	48	71	49	74	52	69	46	66	51	71	54	66	51	75	51
27....	83	51	53	30	79	46	68	51	68	42	69	50	69	51	73	47	75	46	66	48	76	42	63	45	75	55	60	53	77	48
28....	84	45	55	27	77	53	79	50	73	39	76	55	79	51	87	53	83	50	75	48	88	52	78	49	83	56	77	48	88	53
29....	80	50	45	25	66	41	71	54	69	40	81	54	84	52	86	48	87	60	90	64	87	51	92	65	80	60	88	63	80	60
30....	61	31	35	21	51	38	67	36	59	28	62	39	71	68	54	36	81	39	70	36	81	38	69	37	80	70	77	60	77	60
Mns..	75.0	38.8	43.9	20.2	65.3	36.6	70.3	41.9	64.9	35.2	70.1	43.6	73.4	51.8	67.5	40.1	70.5	39.8	65.9	42.8	73.6	39.0	66.9	43.9	74.0	52.5	69.8	46.5	73.2	46.5

Date.	Oklahoma.												Missouri.												Lynnville, Ky.		Jackson, Tenn.			
	Enid.		McAlester.		Mangum.		Muskogee.		Oklahoma.		Weatherford.		Woodward.		Caruthersville.		Ironton.		Lamar.		Olden.		Springfield.							
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	67	37	70	44	78	40	68	42	73	39	76	37	73	34	60	31	55	27	57	32	56	32	53	32	53	32	53	32	53	32
2....	83	37	82	54	84	47	83	51	79	54	81	42	86	51	78	42	73	34	79	35	75	34	75	42	74	39	84	41	78	42
3....	62	44	73	63	80	60	80	62	72	50	73	53	77	42	86	56	74	55	60	53	74	53	60	56	56	56	56	56	56	56
4....	43	42	71	52	53	46	63	47	50	42	59	40	50	38	78	53	74	55	49	45	67	41	64	41	78	42	78	42	78	42
5....	73	33	76	41	85	39	68	43	72	39	76	37	79	33	72	53	68	45	68	39	63	42	60	38	74	53	74	53	74	53
6....	53	34	75	52	63	42	69	48	67	44	55	44	72	39	87	50	79	51	63	39	79	40	69	40	74	41	87	51	72	42
7....	60	41	54	46	71	41	59	45	61	43	63	40	62	34	60	41	45	25	53	37	46	39	44	35	53	40	60	40	60	40
8....	62	40	65	45	63	44	61	43	61	40	61	40	61	36	60	43	60	38												

TABLE 3.—Maximum and minimum temperatures at selected stations for April, 1911. District No. 7—Continued.

Date.	Tennessee.				Arkansas.										Mississippi.													
	Kenton.		Memphis.		Bentonville.		Corning.		Dardanelle.		Eldorado.		Fort Smith.		Little Rock.		Pine Bluff.		Texarkana.		Wynne.		Clarksdale.		Corinth.		Greenville.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1....	53	30	58	40	60	37	55	31	65	43	66	50	64	46	61	44	62	44	76	51	60	35	63	44	60	38	66	49
2....	75	40	76	44	78	48	76	42	83	43	85	45	80	48	80	47	81	45	81	49	75	40	84	46	79	51	81	61
3....	52	59	78	63	68	57	80	57	75	54	71	56	68	62	72	62	70	60	69	53	80	45	79	50	70	60	81	61
4....	75	57	77	60	64	42	70	51	76	56	77	62	71	49	75	56	78	62	77	61	75	55	79	60	70	58	74	59
5....	68	55	64	55	67	40	60	50	68	49	70	56	65	46	71	50	74	53	77	50	66	46	71	56	72	58	74	59
6....	83	50	84	52	71	43	67	49	86	49	89	50	77	52	87	56	88	60	88	55	85	47	86	56	86	54	89	56
7....	71	42	52	44	54	42	57	40	49	49	69	60	52	44	56	41	52	60	60	49	41	53	52	56	48	60	59	78
8....	56	42	55	43	58	40	62	40	65	41	56	45	62	45	62	41	62	42	62	45	60	35	56	44	52	44	54	48
9....	60	35	58	41	63	35	60	35	63	45	68	40	62	42	61	45	63	40	67	42	81	32	62	39	64	41	64	41
10....	66	39	66	45	66	45	66	41	68	47	69	48	67	47	64	48	66	46	67	47	35	37	45	36	40	39	73	45
11....	60	49	66	51	74	48	64	49	73	47	72	49	77	50	69	51	67	46	70	50	67	39	69	48	60	44	74	50
12....	74	52	74	53	76	54	78	45	74	50	83	55	75	56	71	54	72	52	83	55	76	44	77	54	72	50	78	60
13....	74	58	82	64	80	49	73	59	70	57	86	60	81	58	84	68	86	85	62	82	50	85	59	78	60	89	60	
14....	74	49	73	47	55	42	77	49	72	42	75	70	59	47	68	46	84	56	70	69	60	45	65	65	64	73	69	
15....	76	45	62	45	63	40	66	42	69	44	60	47	67	46	65	45	63	46	62	47	39	63	48	64	47	62	49	
16....	71	41	70	48	69	39	72	41	73	41	75	41	71	43	69	46	72	41	69	44	70	30	71	43	72	40	73	42
17....	78	49	73	51	68	44	76	45	70	42	65	49	61	47	70	51	73	46	60	50	76	30	74	45	76	42	77	48
18....	68	52	63	55	62	50	71	54	63	43	73	52	67	51	63	54	73	55	69	52	63	42	64	46	60	50	67	53
19....	74	54	76	59	72	47	74	58	79	54	81	58	78	57	79	58	83	59	79	59	80	48	80	56	77	53	80	58
20....	68	50	70	57	73	45	72	50	78	49	75	56	81	54	71	55	72	53	69	58	74	41	80	54	78	50	76	56
Mns.	71.0	48.7	69.1	52.3	67.2	45.5	70.3	48.1	71.0	48.0	70.3	52.9	69.9	50.6	69.9	51.6	71.3	52.2	71.8	53.4	70.8	43.9	71.8	51.0	70.5	49.5	74.4	53.2

Date.	Mississippi.						Louisiana.										Shreveport.									
	Kosciusko.		Natchez.		Vicksburg.		Alexandria.		Baton Rouge.		Covington.		Lafayette.		Lake Charles.		Monroe.		New Orleans.		Robeline.		Schriever.		Shreveport.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	68	49	72	55	69	55	75	54	70	63	74	53	79	56	80	52	76	53	72	61	78	55	84	56	72	55
2....	83	47	88	55	83	55	82	52	85	50	83	55	81	50	83	53	77	48	80	61	83	48	84	50	82	50
3....	80	55	85	63	73	58	82	60	80	59	84	64	81	57	81	62	80	59	89	64	85	51	80	56	82	52
4....	78	60	83	65	80	66	80	62	75	71	78	67	81	67	83	60	86	62	77	65	80	48	86	56	80	62
5....	79	60	83	63	75	63	82	60	83	62	87	59	87	64	90	63	86	64	81	52	87	57	76	54		
6....	89	51	90	60	86	62	90	60	86	64	86	55	86	61	85	58	88	62	85	63	89	57	89	65		
7....	82	60	86	63	81	61	84	61	84	71	87	55	84	65	86	57	83	63	84	71	87	58	87	66		
8....	55	54	82	70	61	43	73	70	87	70	86	68	83	71	81	56	86	63	83	65	84	66	86	57	84	
9....	62	40	66	45	63	45	69	47	71	53	75	52	71	50	87	47	84	48	70	55	78	58	86	54	84	
10....	69	40	68	47	67	46	74	48	75	51	77	47	77	50	73	48	72	54	79	42	81	53	87	57		
11....	68	44	71	57	74	55	80	49	81	63	74	49	87	54	88	48	79	55	72	61	80	45	73	50	76	54
12....	72	53	81	57	80	61	85	60	87	68	84	59	85	72	84	49	88	56	82	64	88	58	81	61	86	
13....	81	58	75	63	84	70	85	67	85	72	82	64	84	71	85	48	89	57	83	69	87	70	88	69	86	
14....	86	64	87	66	84	68	89	57	88	71	85	67	87	69	87	57	88	64	84	66	89	67	80	66	88	
15....	61	51	56	56	60	52	59	50	72	70	69	64	83	66	83	67	81	63	84	60	81	52	90	66	80	47
16....	73	42	75	51	73	50	70	51	78	56	74	53	71	53	70	49	79	44	68	56	78	50	72	56	70	50
17....	76	45	73	56	72	55	64	53	73	60	74	54	76	48	72	52	74	61	79	54	79	58	80	60	74	54
18....	72	51	82	60	79	60	80	55	84	64	80	57	83	59	83	45	79	58	81	61	85	59	84	62	76	
19....	78	55	84	65	80	59	85	61	81	71	77	60	82	66	85	55	84	62	83	64	85	61	82	62	80	
20....	80	58	80	61	80	62	77	65	82	69	85	64	83	66	83	67	81	64	86	77	80	89	67	85		
21....	80	53	84	58	79	59	85	61	85	67	87	65	83	64	88	60	89	59	81	69	87	58	86	66	82	53
22....	82	52	87	58	83	60	90	59	88	66	87	59	87	63	90	59	91	64	86	57	90	59	86	62	80	54
23....	71	54	84	61</																						